

2016 Montana Market Goat Ultrasound Carcass Evaluation

Conformation

Selection 1	1 ⁹⁹	Highest Conformation
	1 ⁵⁰	Middle Conformation
	1 ⁰⁰	Lowest Conformation
Selection 2	2 ⁹⁹	Highest conformation
	2 ⁵⁰	Middle conformation
	2 ⁰⁰	Lowest conformation
Selection 3	3 ⁹⁹	highest conformation
	3 ⁵⁰	middle conformation
	3 ⁰⁰	lowest conformation

Conformation (i.e. muscle to bone ratio) is rated by one of three Selection scores. Selection 1 carcasses have a high proportion of meat to bone and Selection 3 carcasses have a low ratio of meat to bone. Each selection classification can be divided into 100 parts. The highest selection for goat carcasses is 199, and 300 is the lowest selection score. Selection scores are usually assigned to the nearest 10 parts (e.g. 110, 240, or 320).

Conformation must be determined by either the ring judge or the U/S technician. Market goats without conformation scores cannot be considered for Carcass of Merit.

Live Wt.

Live weight in pounds

Pounds

HCW

Autofill

Hot Carcass Weight calculated at 48% of Live Wt.

Loin Eye Area

Square inches

12th rib ribeye (*Longissimus*) area. Ultrasound measurement; both sides averaged.

Lower Rib Fat Thickness (LRF)

Inches

Lower rib fat (includes fat, bone, and lean) measured 1 inch beyond loin eye, both sides, averaged.

Age

Age in months

Measured in months. Market goats are usually referred to as kid/cabrillo (2-14 months), young chevon (14-24 months), or aged chevon (over 24 months).

% Cutability

Autofill

Cutability calculated by the following formula:
 $60.6933 - (0.23174 \times \text{HCW}) + (1.96202 \times \text{Loin Eye Area}) - (1.57832 \times \text{BWT})$